

NOTICE
OF PUBLIC HEARING
TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF AIR POLLUTION CONTROL

There will be a public hearing before the Technical Secretary of the Tennessee Air Pollution Control Board to consider the proposed [Fine Particulate Matter \(PM2.5\) State Implementation Plan \(SIP\) \(26.5 MB zip\)](#) and the [proposed Regional Haze SIP \(401 MB zip\)](#) to protect visibility in Class I areas pursuant to Tennessee Code Annotated, Section 68-201-105. The comments received at this hearing will be presented to the Tennessee Air Pollution Control Board for their consideration. The hearing will be conducted in the manner prescribed by the Uniform Administrative Procedures Act, Tennessee Code Annotated, Section 4-5-201 et. seq. and will take place in the 9th Floor Conference Room of the L & C Annex, located at 401 Church Street, Nashville, Tennessee 37243-1531 at 9:30 a.m. on March 25, 2008.

Written comments will be included in the hearing records if received by the close of business (4:30 PM CDT) March 25, 2008, at the office of the Technical Secretary, Tennessee Air Pollution Control Board, 9th Floor, L & C Annex, 401 Church Street, Nashville, TN 37243-1531.

Any individuals with disabilities who wish to participate in these proceedings (or to review these filings) should contact the Tennessee Department of Environment and Conservation to discuss any auxiliary aids or services needed to facilitate such participation. Such initial contact may be in person, by writing, telephone, or other means, and should be made no less than ten (10) days prior to March 25, 2008, or the date such party intends to review such filings, to allow time to provide such aid or service. Contact the Tennessee Department of Environment and Conservation ADA Coordinator, 12th Floor, 401 Church Street, Nashville TN 37243, (615) 532-0207. Hearing impaired callers may use the Tennessee Relay Service (1-800-848-0298).

If you have any questions about the proposed PM2.5 SIP, you may contact Mr. Travis Blake at (615) 532-0617. If you have any questions about the proposed Regional Haze SIP documents you may contact Mr. Quincy Styke at (615) 532-0562. Copies of documents concerning these matters are available for review at the office of the Technical Secretary and at certain public depositories. For information about reviewing these documents, please contact Mr. Malcolm Butler, 9th Floor, L & C Annex, 401 Church Street, Nashville, TN 37243-1531, telephone (615) 532-0600.

Summary of Proposed Change

The fine particulate matter (PM2.5) SIP for the Knoxville PM2.5 non-attainment area and the Regional Haze SIP will be discussed in a public hearing March 25, 2008, at 9:30 a.m. in the 9th Floor Conference Room of the L & C Annex, located at 401 Church Street, Nashville, Tennessee 37243-1531. Copies of the SIP are now in the public depositories for public inspection.

The U. S. Environmental Protection Agency (EPA) designated Anderson, Blount, Knox, and Loudon Counties, and the portion of Roane County that includes the Tennessee Valley Authority's Kingston Fossil Plant, as non-attainment for the annual PM2.5 National Ambient Air Quality Standard (NAAQS), effective April 5, 2005. EPA's finding was based upon air quality monitoring data at several sites within this region between 2001 and 2003. As a result of this designation, Tennessee is required to submit a State Implementation Plan (SIP) to EPA by April 5, 2008, that demonstrates progress toward attainment. Tennessee proposes to demonstrate in the SIP that the Knoxville area will attain the PM2.5 NAAQS in 2009, based on air quality modeling results, emissions inventories, and other evidence.

Air quality modeling conducted for Tennessee by the Association for Southeastern Integrated Planning (ASIP) indicates that the Knoxville-area non-attainment counties will attain the NAAQS in 2009. The model results are based upon 2002-2009 emissions reductions from Knoxville area sources and are supported by downward trends in emissions, with concurrent improvements in air quality for the Knoxville area. Tennessee expects to attain the PM2.5 NAAQS in the Knoxville region based upon implementation of Federal measures, and no additional local controls are planned.

EPA's PM2.5 Implementation Rule requires States to address nitrogen oxides (NO_x) as a PM2.5 attainment plan precursor and evaluate sources of NO_x emissions in the State for control measures, unless the State and EPA provide an appropriate technical demonstration for a specific area showing that NO_x emissions from sources in the State do not significantly contribute to PM2.5 concentrations in the non-attainment area. Tennessee is submitting two options to address NO_x as a PM2.5 attainment plan precursor, as follows:

1. The draft SIP contains a technical demonstration, which shows that NO_x emissions from sources in the State do not significantly contribute to PM2.5 non-attainment in the Knoxville area. Tennessee proposes to submit this technical demonstration to U. S. EPA for approval as part of the PM2.5 attainment demonstration. If EPA approves this demonstration, then Tennessee proposes to take no further action to address NO_x as a PM2.5 attainment plan precursor. A copy of the insignificance determination is included in the public depository with the draft SIP.
2. If EPA disapproves Tennessee's technical demonstration for NO_x, or if Tennessee otherwise determines that the State must address NO_x as a PM2.5 attainment plan precursor, then Tennessee proposes to submit an addendum to the PM2.5 SIP, which includes emission inventory data, control measures, motor vehicle emissions budgets, RACT/RACM, and contingency plan measures to address NO_x. The information contained in this addendum would become a Federally enforceable part of the SIP. If EPA approves Tennessee's technical demonstration for NO_x, or if Tennessee otherwise determines that the State is not required to address NO_x as a PM2.5 attainment plan precursor, then Tennessee would take no further information on the addendum. A copy of the draft SIP addendum for NO_x is included in the public depository with the draft SIP.

Tennessee specifically solicits comments on both proposed approaches outlined above, and upon the appropriateness of including or excluding NO_x as a PM2.5 attainment plan precursor.

Regional haze is fine particle pollution that impairs visibility over a large region including Class I areas such as national parks and wilderness areas. Sources of haze-forming emissions include coal-fired power plants, industrial boilers, and mobile source emissions. U. S. EPA's regional haze rule requires states to demonstrate reasonable progress toward meeting the national goal of a return to natural visibility conditions by 2064. The rule directs states to show a uniform rate of progress toward natural conditions for each Class I area in Tennessee and for certain areas in other states.

Regional Haze State Implementation Plans (SIPs) must include an assessment of baseline visibility conditions and a monitoring strategy for measuring, characterizing, and reporting of regional haze visibility impairment. States must also consider ongoing control programs, measures to mitigate construction activities, source retirement and replacement schedules, smoke management programs for agriculture and forestry, and enforceability of specific measures.

This will be the second public hearing for Tennessee's Regional Haze SIP. Numerous changes have been made to the original draft SIP, and the Division has elected to provide a second opportunity for public comment because of these changes. The Regional Haze SIPs for the first review period were due December 17, 2007. These plans will cover long-term strategies for visibility improvement between baseline conditions in 2002 and 2018. States are required to evaluate progress every five years to assure that emission controls are on track with emissions reduction forecasts in each SIP. At both Class I areas in Tennessee, visibility improvements on the worst days are expected to be better than the uniform rate of progress glide path by 2018 based solely on reductions from existing and planned emissions controls.

Revisions considered at this hearing may be adopted by the Tennessee Air Pollution Control Board under T.C.A. 68-201-105, the Board general authority to promulgate rules.

Materials concerning the proposed additions and/or revisions will be available for public inspection during normal working hours starting February 22, 2008, at the following locations:

Air Pollution Control Division 9th Floor, L & C Annex 401 Church Street Nashville, TN 37243	Chattanooga – Hamilton County Air Pollution Control Bureau 6125 Preservation Drive Chattanooga, TN 37416	Air Pollution Control Division Cookeville EFO 1221 South Willow Ave. Cookeville, TN 38506
Air Pollution Control Division Knoxville EFO 3711 Middlebrook Pk Knoxville, TN 37921	Air Pollution Control Division Johnson City EFO 2305 Silverdale Road Johnson City, TN 37601 - 2162	Air Pollution Control Division Jackson EFO 362 Carriage House Drive Jackson, TN 38305 - 2222
Air Pollution Control Division Columbia EFO 2484 Park Plus Drive Columbia, TN 38401	Knox County Department of Air Pollution Control 140 Dameron Avenue Knoxville, TN 37917-6413	Division Air Pollution Control Memphis - Shelby Co. Health Dept. 814 Jefferson Avenue Memphis, TN 38105
Air Pollution Control Division Chattanooga EFO Suite 550 540 McCallie Ave. Chattanooga, TN 37402 - 2013	Pollution Control Division Metropolitan Health Department 311 23rd Ave. North Nashville, TN 37203	U.S. EPA, Region IV APTMD - 12th Floor Atlanta Federal Center 61 Forsyth Street S.W. Atlanta, Georgia 30303 c/o Mr. Dick Schutt, Chief
Air Pollution Control Division Nashville EFO 711 R. S. Gass Blvd. Nashville, TN 37243	Kingsport Public Library 400 Broad Street Kingsport, TN 37660	

All persons interested in the air quality of the State of Tennessee are urged to attend and will be afforded the opportunity to present testimony to the hearing officer regarding the proposed PM_{2.5} SIP and also the proposed Regional Haze state implementation plan (SIP) to protect visibility in Class I areas. Any person desiring to present lengthy comments should be prepared at the hearing to offer a written statement to be incorporated into the record. Written statements not presented at the hearings will only be considered part of the records if received by 4:30 p.m. CDT March 25, 2008, at the office of the Technical Secretary, Tennessee Air Pollution Control Board, 9th Floor L & C Annex, 401 Church Street, Nashville, Tennessee, 37243-1531.